

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Beatty *et al.*

Appl. No.: 09/547,945

Filed: April 12, 2000

For: **Electrophysiology Therapy
Catheter**

Confirmation No.: 5616

Art Unit: 3737

Examiner: Smith, Ruth S.

Atty. Docket: 2384.002000C

First Supplemental Information Disclosure Statement

Mail Stop Amendment

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying IDS Forms are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.

Attached is our PTO-2038 Credit Card Payment Form in the amount of **\$180.00** in payment of the fee under 37 C.F.R. § 1.17(p).

Copies of documents **NPL1-NPL5** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), no copies of U.S. patents and patent application publications cited on the attached IDS Forms are submitted.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michelle K. Holoubek
Attorney for Applicants
Registration No. 54,179

Date: June 29, 2006

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Substitute for form 1449/PTO FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/547,945
				Filing Date	April 12, 2000
				First Named Inventor	Graydon Beatty
				Art Unit	3737
				Examiner Name	Smith, Ruth S.
Sheet	1	of	3	Attorney Docket Number	2384.002000C

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If Known)			
	US1	3,954,098	05-04-1976	Dick <i>et al.</i>	
	US2	4,304,239	12-08-1981	Perlin	
	US3	4,380,237	04-19-1983	Newbower	
	US4	4,444,195	04-24-1984	Gold	
	US5	4,522,212	06-11-1985	Gelinas <i>et al.</i>	
	US6	4,559,951	12-24-1985	Dahl <i>et al.</i>	
	US7	4,572,186	02-25-1986	Gould <i>et al.</i>	
	US8	4,572,206	02-25-1986	Geddes <i>et al.</i>	
	US9	4,573,473	03-04-1986	Hess	
	US10	4,628,937	12-16-1986	Hess <i>et al.</i>	
	US11	4,649,924	03-17-1987	Taccardi	
	US12	4,660,571	04-28-1987	Hess <i>et al.</i>	
	US13	4,674,518	06-23-1987	Salo	
	US14	4,706,670	11-17-1987	Andersen <i>et al.</i>	
	US15	4,721,115	01-26-1988	Owens	
	US16	4,777,955	10-18-1988	Brayton <i>et al.</i>	
	US17	4,840,182	06-20-1989	Carlson	
	US18	4,890,623	01-02-1990	Cook <i>et al.</i>	
	US19	4,898,176	02-06-1990	Petre	
	US20	4,899,750	02-13-1990	Ekwall	
	US21	4,911,174	03-27-1990	Pederson <i>et al.</i>	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	FP1				
	FP2				
	FP3				
	FP4				
	FP5				
	FP6				
	FP7				
	FP8				
	FP9				

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	US22	4,922,912	05-08-1990	Watanabe	
	US23	4,940,064	07-10-1990	Desai	
	US24	4,945,342	07-31-1990	Steinemann	
	US25	4,951,682	08-28-1990	Petre	
	US26	5,000,190	03-19-1991	Petre	
	US27	5,005,587	04-09-1991	Scott	
	US28	5,025,786	06-25-1991	Siegel	
	US29	5,058,583	10-22-1991	Geddes <i>et al.</i>	
	US30	5,090,411	02-25-1992	Higuchi	
	US31	5,156,151	10-20-1992	Imran	
	US32	5,237,996	08-24-1993	Waldman <i>et al.</i>	
	US33	5,255,678	10-26-1993	Deslauriers <i>et al.</i>	
	US34	5,282,471	02-01-1994	Sato	
	US35	5,311,866	05-17-1994	Kagan <i>et al.</i>	
	US36	5,341,807	08-30-1994	Nardella	
	US37	5,345,936	09-13-1994	Pomeranz <i>et al.</i>	
	US38	5,360,006	11-01-1994	Geiser <i>et al.</i>	
	US39	5,409,000	04-25-1995	Imran	
	US40	5,411,025	05-02-1995	Webster, Jr.	
	US41	5,458,126	10-17-1995	Cline <i>et al.</i>	

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	FP12					
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	FP14					
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	FP17					
	FP18					

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	US42	5,551,426	09-03-1996	Hummel <i>et al.</i>	
	US43	5,553,611	09-10-1996	Budd <i>et al.</i>	
	US44	5,601,084	02-11-1997	Sheehan <i>et al.</i>	
	US45	5,622,174	04-22-1997	Yamazaki	
	US46	5,662,108	09-02-1997	Budd <i>et al.</i>	
	US47	5,669,382	09-23-1997	Curwen <i>et al.</i>	
	US48	5,697,377	12-16-1997	Wittkampff	
	US49	5,701,897	12-30-1997	Sano	
	US50	5,722,402	03-03-1998	Swanson <i>et al.</i>	
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	US52	5,846,198	12-08-1998	Killmann	
	US53	5,848,972	12-15-1998	Triedman <i>et al.</i>	
	US54	5,871,019	02-16-1999	Belohlavek	
	US55	5,908,446	06-01-1999	Imran	
	US56	6,095,976	08-01-2000	Nachtomy <i>et al.</i>	
	US57				
	US58				
	US59				
	US60				
	US61				

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	FP19				
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	FP21				
	FP22				
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	FP25				
	FP26				
	FP27				

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T ²
	NPL1	"New Catheter Will Find And Treat Cardiac Arrhythmias," WPI Journal, Summer 1993, 2 pages.	
	NPL2	"Quickhull Algorithm For Convex Hulls," ACM Transactions on Mathematical Software, Vol. 22, No. 4, Dec. 1996, 1 page.	
	NPL3	P. MENDLER <i>et al.</i> , "Multichannel Recording Of Cardiac Potentials," Medical And Biological Engineering And Computing, Vol. 18, No. 5, September 1980, pp. 617-624.	
	NPL4	PATRICK DONAHOE WOLF, "Development And Evaluation Of An Algorithm To Determine Boundary Geometry And Electrode Location From Impedance Measurements," Department Of Biomedical Engineering In The Graduate School Of Duke University, 1992, pp. I-VIII and 1-86.	
	NPL5	KRISTIN CLINGMAN SPENCER, "A Feasibility Study Of Determining The Position Of An Intracavitary Multielectrode Probe Via Impedance Measurements," Department Of Electrical Engineering In The Graduate School Of Duke University, 1991, pp. I-VII and 1-49.	
	NPL6		
	NPL7		
	NPL8		
	NPL9		

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